

## DOCKETED

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May 29th, 2015

Mr. Harinder Singh  
Mr. Ken Rider  
Efficiency Division  
California Energy Commission

Computer, Computer Monitors, and Electronic Displays  
Docket No. 14-AAER-02  
[docket@energy.state.ca.us](mailto:docket@energy.state.ca.us)

**Re: Panasonic Comments on Computer, Computer Monitors, and Electronic Displays:**

Panasonic appreciates the opportunity to comment on California Energy Commission's Computer, Computer Monitors and Electronic Displays Proposed Regulatory Language.

**1601 Scope:**

Chapter 16 of the CEC Staff Report Final Draft (March 12, 2015) states the following:

(v) Computer monitors and signage displays that are of size greater than 12" and pixel density of greater than 5000 pixel per square inch, televisions, and consumer audio and video equipment, which are compact audio products, digital versatile disc players, and digital versatile disc recorders.

Generally computer monitors have a higher pixel density than signage displays. In order to agree with the Chapter 10 Product Descriptions on Page 33 of the CEC Staff Report Final Draft (March 12, 2015), we would recommend amending the scope as follows:

Computer monitors that are of size greater than 12" and pixel density greater than 5,000 pixels/in<sup>2</sup>,

Signage displays that are of size greater than 12" and pixel density less than or equal to 5,000 pixels/in<sup>2</sup>,

televisions, and consumer audio and video equipment, which are compact audio products, digital versatile disc players, and digital versatile disc recorders.

**1602 Definitions:**

The current definition for a television as shown below includes television monitors.

(v) **Televisions, and Consumer Audio and Video Equipment.**

"Television (TV)" means an analog or digital device designed primarily for the display and reception of a terrestrial, satellite, cable, Internet Protocol TV (IPTV), or other broadcast or recorded transmission of analog

or digital video and audio signals. TVs include combination TVs, television monitors, component TVs, and any unit that is marketed to the consumer as a TV. "Television (TV)" does not include computer monitors.

"Television monitor" means a TV that does not have an internal tuner/receiver or playback device.

We understand that the CEC wishes to prevent confusion by creating separate requirements for computer monitors and signage displays. In support of this goal, we would recommend removing television monitors from the definition for televisions. If this is not done, there will still be confusion whether signage displays can be considered as television monitors and then be subject to the television requirements.

Alternatively, the definition for Signage displays should include a statement that a Signage display is not a television monitor.

As always, Panasonic appreciates this opportunity to comment on these issues and welcomes the opportunity to further discuss our views with you.

Sincerely,

Mark J. Sharp  
Group Manager  
Panasonic Corporation of North America